

Enclosed is a search result of Ruggeri, G; caplus an 1925:3411.

Favorable action on the merits is solicited.

Respectfully submitted,

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STN Tokyo

=> fill caplus
=> s 1925:3411/an
L1 1 1925:3411/AN

=> d all

L1 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN

Full Text

AN 1925:3411 CAPLUS

DN 19:3411

OREF 19:469f-h

ED Entered STN: 16 Dec 2001

TI Peroxides of dibenzoylglyoxime

AU Ruggeri, G.

SO Atti accad. sci. Torino (1924), 59, 705

DT Journal

LA Unavailable

CC 10 (Organic Chemistry)

GI For diagram(s), see printed CA Issue.

AB Isonitrosoacetophenone treated with N2O4, gives a product contg. benzoylformonitrolic acid, BzC(:NOH)NO2, which may be dehydrated in vacuo to dibenzoylglyoxime peroxide, Bz(C2N2O2)Bz; m. 87°. If MeCOPh is used, 8t of an isomer (or polymer), m. 187°, is also obtained. The Bz deriv., m. 138° of BzC(:NOH)NO2 seps. from alk. soln.

Benzoylphenylhydrazinoglyoxime, BzC(:NOH)C(:NOH)NHNHPh, is formed from the above peroxide on the addn. of PHNH2, in Et2O, together with BzNHNHPh.

γ-Phenylhydrazino-β-nitroso-α-phenylisoxazole,

PHNHNHC.N.O.CPh.CNO, from the above Bz derivs., by heating with glacial

HOAc, m. 106°, stable in alkali, but is hydrolyzed back by acid.

γ-phenylhydrazino-β-amino-α-phenylisoxazole, prepd. by

reduction of the nitrosoisoxazole in alc. with Zn dust, and HOAc, m.

132°, is stable in acids. 3-Benzoyl-5-phenylhydrazino-furo-(abi)-

diazole, PHNHNHC.N.CBz:N.O, m. 172°, is formed by heating the above isoxazole, best in the presence of AC2O. It is stable to both acids and bases.

IT 1,2,4-Oxdiazole, 3-benzoyl-5-phenylhydrazino-

Glyoxime, benzoylphenylhydrazino-

isoxazole, 4-amino-5-phenyl-3-phenylhydrazino-

RL: PREP (Preparation)

IT 790679-27-5P. Glyoxime, dibenzoyl-, peroxide 792931-39-6P.

1,2,3,6-Dioxdiazine, 4,5-dibenzoyl- 859197-44-7P, Isoxazole,

4-nitroso-5-phenyl-3-phenylhydrazino-

RL: PREP (Preparation)

(prepn. of)

=> sel in

E1 THROUGH E3 ASSIGNED

=> fill reg

=> s el-e3

1 790679-27-5/BI

(790679-27-5/RN)

1 792931-39-6/BI

(792931-39-6/RN)

1 859197-44-7/BI

(859197-44-7/RN)

L3 3 (790679-27-5/BI OR 792931-39-6/BI OR 859197-44-7/BI)

STN Tokyo

=> fill caplus

=> s l1 and l3

L4 7 L3
1 L1 AND L3

=> d hitstr

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN

IT 790679-27-5P. Glyoxime, dibenzoyl-, peroxide 792931-39-6P

, 1,2,3,6-Dioxdiazine, 4,5-dibenzoyl- 859197-44-7P, Isoxazole,

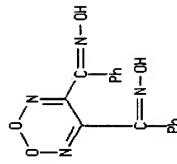
4-nitroso-5-phenyl-3-phenylhydrazino-

RL: PREP (Preparation)

(prepn. of)

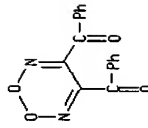
RN 790679-27-5 CAPLUS

CN Glyoxime, dibenzoyl-, peroxide (2CI) (CA INDEX NAME)



RN 792931-39-6 CAPLUS

CN 1,2,3,6-Dioxdiazine, 4,5-dibenzoyl- (2CI) (CA INDEX NAME)



RN 859197-44-7 CAPLUS

CN Isoxazole, 4-nitroso-5-phenyl-3-phenylhydrazino- (2CI) (CA INDEX NAME)

